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From: Commander, Western Division, Naval Facilities Engineering Command
To: Distribution

Subj: INSTALLATION RESTORATION PROGRAM MONTHLY STATUS/ACTION
REPORT FOR AUGUST AT NAVAL AIR STATION, MOFFETT FIELD

1. Enclosure (1) is the Installation Restoration Status/Action Report for August 1991.
2. Should you have any questions regarding this matter, the point of contact is Commander, Western Division, Naval Facilities Engineering Command (Attn: Mr. Stephen Chao, Code 1813SC, (415) 244-2552).

Original signed by:

GILBERT A. RIVERA
By direction

Encl:

- (1) Installation Restoration Monthly Status/Action Report, August 1991

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**NAS MOFFETT FIELD
NAVY CLEAN STATUS REPORT NO. 15
AUGUST 1991**

1. Progress During the Reporting Period

The following activities were accomplished during the reporting period:

- Site 9 field activities completed.
- The Building 29 Area Field Investigation Technical Memorandum was completed.
- Work began on the Site 9 Source Control Investigation Technical Memorandum and designs.
- Preparation of the draft soil pile characterization report continued.
- The Final North Base Area Investigation Report was completed.

Well installation for the Air Solid Waste Assessment Test was started the last week in August. No sampling activity was conducted during August. August field activities are shown on Table 1, and the overall status of Phase II field activities is shown in Table 2.

2. Reports Submitted and Meetings

- The Building 29 Area Field Investigation Technical Memorandum - August 27, 1991
- Final North Base Area Field Investigation Report - August 27, 1991
- Open House at NAS Moffett Field - August 26.
- Monthly regulatory agency meeting - August 27, 1991
- Technical Review Committee Meeting - August 27, 1991
- MEW/NASA/Navy Technical Exchange Meeting - August 29, 1991

3. Problems Encountered and Resolutions

- The Site 9 Source Control Investigation pump tests revealed that ground water flow can not be sustained at most of the wells tested in the A1 permeable zone. As a result, revisions to the Site 9 source control objectives and design approach are necessary. A letter was submitted to the Agencies, dated August 27, 1991, describing the revised objectives and approaches and presented a proposed schedule for upcoming source control activities at Site 9.

4. Reports and Activities for the September/October Submittal

- The monthly agency meetings will be held on October 1, 1991, at the RWQCB offices.

- The Soil Pile Characterization Report will be submitted in September.
- The Site 9 Source Control Investigation Technical Memorandum and Design Basis will be submitted in October.
- Construction bid requests will be announced for Site 12 and 14 source controls in September and October

Planned field activities for September and October 1991 are shown on Table 4. The installation of gas monitoring wells at Sites 1 and 2 will be completed, and the wells should be sampled in late September or early October. Installation of aquifer test wells located at Sites 4, 5, 6, 7, 8, and 9 should start in late September, following completion of the preliminary drawdown tests.

5. Planned Field Activities for September and October

- None

6. Key Personnel Changes

- None

7. Chemical Laboratory Data Status Report

- Site 9 Investigation Data will be submitted with the Technical Memorandum

8. Percentage of Project Completion

- Phase I tank removal tasks - 100% complete
- Phase I tank location wells - 100% complete
- Phase II tank removal tasks - 100% complete
- Phase II tank location wells - 100% complete
- Final Phases I and II Tank and Sump Report - 100% complete
- Sites 12 and 14 Source Control Evaluations - 100% complete
- Site 14 South Field Investigation Technical Memorandum 100% complete
- Sites 12 and 14 Source Control Designs - 100% complete
- Sites 12 and 14 Source Control Field Work Plans - 100% complete
- Sites 12 and 14 Source Control Specifications - 100% complete
- Site 12 and 14 Construction Activities - 0% Complete
- Final Sites 8 and 9 Source Control Evaluation - 100% complete

- Abandonment of Known Wells - 100% complete
- Investigation of Suspect Wells - 95% complete
- IS8 and IS9 Field Work Plans - 100% complete
- IS8 and IS9 Report - 100% complete
- Building 29 Field Work Plan - 100% complete
- Site 9 Field Investigations - 100% complete
- Final Building 29 Area Report - 100% complete
- Site 9 Source Control Designs - 20% complete
- Site 9 Source Control Investigation Technical Memorandum - 50% complete
- Phase II Tank and Sump Soils Profiling - 100% complete
- Phase II Tank and Sump Soil Treatment and Disposal - 10% complete
- Soil Treatability Test Plans - postponed
- North Area Field Investigations - 100% complete
- North Area Field Investigations Report - 100% complete

TABLE 1. PHASE II FIELD ACTIVITIES FOR AUGUST 1991
NAS MOFFETT FIELD

SITE	AIR SWAT WELL INSTALLATION	MONITORING WELL SAMPLING
1	X	-
2	X	-
3	-	-
4/6/7	-	-
5	-	-
8	-	-
9	-	-

NOTE: X DENOTES ACTIVITY
- DENOTES NO ACTIVITY

TABLE 2. STATUS OF PHASE II ACTIVITIES AS OF AUGUST 31, 1991
NAS MOFFETT FIELD RI/FS

SITE	CONE PENETROMETER		HYDROPUNCH		SOIL BORINGS		MONITORING WELLS		AIR SWAT AND AQUIFER TEST WELLS*	
	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE	PLANNED	COMPLETE
1	0	0	0	0	0	0	0	0	5	0
2	0	0	0	0	0	0	0	0	6	0
3	8	8	6	6	3	3	4	4	0	0
4/6/7	14	14	9	9	4	4	11	11	3	0
5	39	39	39	39	24	24	18	18	6	0
8	19	19	17	17	4	4	4	4	2	0
9	35	35	39	39	11	11	33	33	25	0
TOTAL	115	115	110	110	46	46	70	70	47	00

NOTE: ELEVEN FREE PRODUCT WELLS ARE INCLUDED IN TOTALS (NINE IN AREA 5 AND TWO IN AREA 9).

NOTE: "PLANNED" REFERS TO THE ITEMS CURRENTLY PLANNED. THIS NUMBER MAY DIFFER FROM THE NUMBER OF ITEMS ORIGINALLY PLANNED.

NOTE: AIR SWAT WELLS ONLY INSTALLED IN AREAS 1 & 2. SEVENTEEN WELLS ORIGINALLY PLANNED, BUT ONE WELL WAS DELETED DUE TO HIGH WATER TABLE. AQUIFER TEST WELLS ARE AT SITES 4 THROUGH 9

TABLE 3. AUGUST 1991 NAS MOFFETT FIELD MEETINGS

Date	Location	Attendees	Topic/Comments
08/19/91	Cooley Godward Office San Francisco, CA	Representatives of Navy, NASA, and MEW companies.	MEW perspective of NAS Moffett Field data
08/20/91	WESTDIV	Bradley (IT); Adkisson (PRC); Ozbilgn, LeClaire (JMM); Tu, Chuck, Anschutz (Moffett); Ko, Chao, Burke (WESTDIV); Goldstein (NAVFAC).	Discussion of MEW perspective on NAS Moffett Field data presented on 08/19/91
08/27/91	NAS Moffett Field, CA	Chao, Ko (WESTDIV); Bradley, Cox (IT); Mower, Adkisson (PRC); LeClaire, Howar (JMM); Anschutz, Tu (Moffett); Sturdivant, Pritz (Energy Systems).	Monthly Navy—Contractor meeting and preparation for meeting with regulatory agencies
08/27/91	NAS Moffett Field, CA	Technical Review Committee members and guests.	Quarterly Technical Review Committee meeting
08/27/91	NAS Moffett Field, CA	Chao, Ko (WESTDIV); Anschutz, Tu, Chuck, Pfister (Moffett); Bradley, Cox (IT); Mitani (EPA); Shabahari (DHS); Bruhns (RWQCB); Severson (CDM); Howar, LeClaire (JMM); Adkisson, Mower (PRC); Pritz, Sturdivant (Energy Systems).	Monthly Status/progress meeting
08/28/91	Cooley Godward Office San Francisco, CA	Representatives of Navy, NASA, MEW companies, and EPA.	Coordination meeting among MEW/NASA/Navy/EPA
08/29/91	NAS Moffett Field, CA	Bradley (IT); Adkisson (PRC); LeClaire (JMM); Anschutz, Chuck, Tu, Bonham (Moffett); Chao, Ko (WESTDIV).	Status meeting on tanks, sumps, and separators
08/29/91	Fairchild Building Mountain View, CA	Representatives of Navy, NASA, MEW companies.	MEW/Navy/NASA coordination meeting

TABLE 4. PROJECTED FIELD ACTIVITIES FOR SEPTEMBER AND OCTOBER 1991
NAS MOFFETT FIELD RI/FS

SITE	LANDFILL GAS WELL INSTALLATION		AQUIFER TEST PUMPING WELL INSTALLATION		AQUIFER TEST OBSERVATION WELL INSTALLATION		MONITORING WELL SAMPLING	
	SEPTEMBER	OCTOBER	SEPTEMBER	OCTOBER	SEPTEMBER	OCTOBER	SEPTEMBER	OCTOBER
1	2	0	0	0	0	0	0	0
2	3	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	19
4/6/7	0	0	0	0	3	0	0	29
5	0	0	0	0	6	0	0	20
8	0	0	0	0	2	0	0	0
9	0	0	3	0	22	0	0	0
TOTAL	5	0	3	0	33	0	0	68